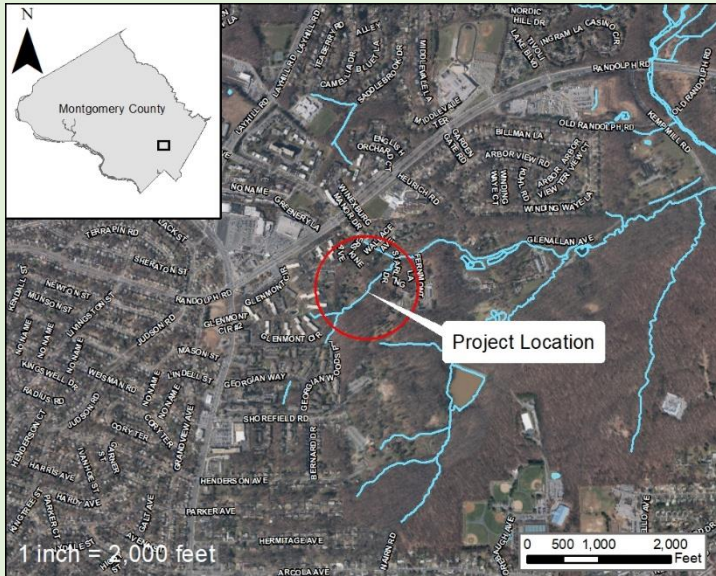


# Glenallan Stream Restoration



The Glenallan Tributary of Northwest Branch stream restoration is located northeast of Georgian Woods Place and southwest of Glenallan Avenue. It is within the Anacostia River watershed and drains to the Potomac River.

## Project Facts\*

Project Status	In Design
Total Drainage Area:	127 Ac
Total Percent Impervious:	33%
Total Stream Project Length:	1,725 lf
Estimated County Construction Cost:	\$1,100,000
Monitoring:	Yes
Watershed:	Anacostia River
Contact:	Radhika Wijetunge
Email:	<a href="mailto:Radhika.Wijetunge@montgomerycountymd.gov">Radhika.Wijetunge@montgomerycountymd.gov</a>
Phone:	240-499-8531

\* Information is subject to change

## Project Selection

As a part of the county's effort to protect our waters, stream restoration of the Glenallan Tributary of the Northwest Branch in the Anacostia Watershed was selected for upgrade to help reduce sediment draining into our streams.

The Montgomery County Municipal Separate Storm Sewer (MS4) permit requires Montgomery County to restore degraded stream channels within the County inventory as outlined in the Montgomery County Coordinated Implementation Strategy. The project design, permitting, and construction will be performed by Montgomery County Department of Environmental Protection (DEP).



Photo 1 – Typical existing stream condition of the Glenallan Tributary to Northwest Branch.

## Pre-Restoration Conditions



Photo 2 – Typical bank erosion that caused loss of trees.

The existing stream is actively eroding and transporting sediment to the Anacostia River. Development constructed before the current stormwater management regulations introduced instability to the stream by changing the hydrologic conditions in the watershed. The stream receives stormwater from 114 acres. Thirty-three percent of this area is impervious surfaces such as rooftops, driveways, and parking lots.

Easements will be required for the construction and maintenance of the stream.

## Restoration Actions



Photo 3 - Example of restored stream with aquatic vegetation on stream bank.

- Montgomery County DEP will restore the stream by providing stable horizontal and vertical alignments, creating riffle, run, pool and glide features; utilizing in-stream structures for grade control; using bioengineering techniques to provide stream bank stability and performing grading to reconnect the stream to the floodplain.
- Stream restoration will include the features for the protection of WSSC infrastructure.
- Reforestation of the areas disturbed by construction will be required by local and state agencies.
- Construction access will be from Glenallan Avenue and Glenmont Circle.

## Contact Us

Radhika Wijetunge  
240-499-8531  
Radhika.Wijetunge@montgomerycountymd.gov

## Visit the Project Website

<https://www.montgomerycountymd.gov/water/restoration/glenallan.html>